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| **Theme:** | **Astronaut – 12th At Home Zoom Meeting** |

Date: 17 July 2020

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| **Time** | **Min** | **Activity** | | **Equipment** | **Scouter** |
| Good Evening Cubs, I hope you are looking after yourselves and have all the items for tonight’s program. Tonight, we are going to look at what an Astronaut does but let us first open our meeting with a flag break. Remember to be on mute and allow (cub) to say the Cub Promise. | | | | | |
| 17h30 | 5 | **Opening:**  Welcome cubs and parents  Flag break and repeat Promise | | None | Akela and Cub |
| Astronauts are trained to pilot and/or travel in a spacecraft, work in space, and do activities related to human space exploration. While space flight may now seem routine, every trip into space can be a walk between success and disaster. Therefore, most of an astronaut's career is spent undergoing extensive training. | | | | | |
| 17h35 | 5 | **Steam Release: Space Yoga**  <https://sugarspiceandglitter.com/space-yoga-kids/> | | None | Dragonfly |
| Now that we have done a little training, we need to board our rocket ship and blast off into space. | | | | | |
| 17h40 | 15 | **Activity: Rockets**  <https://www.youtube.com/watch?v=0hThMoHB88w> | | Straw, paper, cello tape | Kai |
| Space is cold and dark but doesn’t mean there isn’t lots to see. Besides earth there are several other planets, billions of stars, and a couple of moons. From space you can see the whole moon all the time, but from earth we get to see the moon in phases | | | | | |
| 17h55 | 10 | **Activity: Phases of the moon**  <https://littlebinsforlittlehands.com/oreo-moon-phases/> | | Oreos or Marie biscuits or similar round biscuit | Chil |
| There are 8 planets in our solar system not that Pluto is not classified as a planet. Let’s listen to this song and follow the dance moves. | | | | | |
| 18h05 | 5 | **Song: Planet Song and Dance**  <https://www.youtube.com/watch?v=Syx3oma-od4> | | Video | Bagheera/ Dragonfly |
| Some of the stars in space are grouped and form constellations. Let’s hear about a constellation of stars we can often see on a warm summer’s evening | | | | | |
| 18h10 | 5 | **Yarn: The Story of Orion** | |  | Granny Baloo |
| Let’s view three of our Southern Hemisphere constellations as we construct our own pinhole planetariums. | | | | | |
| 18h15 | 10 | **Activity: Pin Hole Planetariums**  <https://inventorsoftomorrow.com/2017/02/27/make-a-constellation-viewer/>  Get cubs to pre-cut out the circles for the toilet rolls or paper cups | | 3 paper cups/3 toilet paper rolls, some black cardboard or cardboard from a cereal box Print out of the 3 constellations, tape, glue, drawing pin, torch. | Akela |
| Well done cubs, your planetariums look amazing.  Did you remember to weight your single use plastic? | | | | | |
| 18h25 | 5 | Get the weights from the cubs.  **Closing:**  Cub Prayer | | None | Volunteer to say cub prayer |
| Skies Badge  Make pinhole planetariums to show three different constellations from the southern hemisphere. | | | Gold Wolf | | |

**The Story of Orion**

Orion was the great hunter of the part of Greece called Boeotia. (pronounced Bee-o-sha)

To win the hand of a fair local princess, Orion was set a difficult task by her father the King.

His task was to rid the land of wild beasts and monsters. Luckily, this was a test for which he was well qualified, and his magic lion skin protected him from harm.

The King, however, was a crafty man who reported more and more beasts for Orion to slay. He had no intention of letting Orion marry his daughter.

The list of beasts to slay was never-ending. In the end Orion gave up in disgust.

Orion's tasks, strength and good looks make him very like another famous hero, Herakles (or Hercules). Orion was greatly admired and loved by all women and even by goddesses. Naturally jealousies developed...

One of Orion's admirers was Artemis the huntress. Her brother Apollo, the sun god, was very angry about this so he made a plan to get rid of Orion. He tricked Artemis into firing an arrow at a tiny target in the sea...

The target happened to be the head of Orion, who was swimming at the time.

Another account of his death says that he was stung by Scorpius the Scorpion. This was the only attack which Orion's magic lion skin could not protect him from.

After Orion died, Zeus placed him in the sky as a constellation of stars. The Scorpion was also put into the sky, as far away from Orion as possible so that they could never meet again.

Orion is one of the most well-known constellations, visible in the southern sky during spring and summer months. He is generally shown as a hunter attacking a bull with an upraised club, and is easily recognizable by his bright belt of three stars. In addition, his shoulder is marked by the red supergiant Betelgeuse which means "armpit of the central one" in Arabic, and his left leg is marked by the blue-white supergiant Rigel. According to the versions of the myth which have him killed by Scorpius, the two were placed on the opposite sides of the sky from each other so that they are never visible at the same time.

